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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-4. (Canceled)

5. (Currently Amended) A method of manufacturing a semiconductor device, said method comprising the steps of:

forming a first amorphous semiconductor film comprising silicon and germanium on an insulating surface wherein a concentration of the germanium is within a range of 0.1 atom% to 10 atom%;

forming a second amorphous semiconductor film on and in contact with the first amorphous semiconductor film; and

crystallizing each of first and second crystalline <u>amorphous</u> semiconductor films by irradiating with a <u>an excimer</u> laser light.

6. (Currently Amended) A method of manufacturing a semiconductor device, said method comprising the steps of:

forming at least an electrode on an insulating surface;

forming an insulating film covering the electrode;

forming a first amorphous semiconductor film comprising silicon and germanium on the insulating film wherein a concentration of the germanium is within a range of 0.1 atom% to 10 atom%;

forming a second amorphous semiconductor film on and in contact with the first amorphous semiconductor film; and

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crystallizing the each of the first and second amorphous semiconductor films by irradiating with a an excimer laser light.

7. (Original) A method according to claim 5, wherein the second amorphous semiconductor film includes silicon.

8-14. (Canceled)

15. (Previously Presented) A method of manufacturing a semiconductor device, said method comprising the steps of:

forming a first amorphous semiconductor film including silicon and germanium on an insulating surface wherein a concentration of the germanium is within a range of 0.1 atom% to 10 atom%;

forming a second amorphous semiconductor film including silicon on the first amorphous semiconductor film;

introducing an element capable of promoting crystallization of silicon into the first amorphous semiconductor film or the second amorphous semiconductor film;

crystallizing each of the first and second amorphous semiconductor films by heating to form a first crystalline semiconductor film and a second crystalline semiconductor film, respectively.

16. (Currently Amended) A method of manufacturing a semiconductor device, said method comprising the steps of:

forming a first amorphous semiconductor film including silicon and a <u>an</u> element having a larger atomic radius than silicon on an insulating surface wherein a concentration of said element is within a range of 0.1 atom% to 10 atom%;

forming a second amorphous semiconductor film including silicon on the first amorphous semiconductor film;

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introducing an element capable of promoting crystallization of silicon into the first amorphous semiconductor film or the second amorphous semiconductor film;

crystallizing each of the first and second amorphous semiconductor films by heating to form a first crystalline semiconductor film and a second crystalline semiconductor film, respectively.

- 17. (Currently Amended) A method according to claim 15, further comprising the step of: irradiating with a laser light to obtain [[of]] a higher crystallinity of each of the first and second crystalline semiconductor films after the crystallizing step.
- 18. (Currently Amended) A method according to claim 15, further comprising the step of: irradiating with a light from one selected from the group consisting of a halogen lamp, a xenon lamp, a mercury lamp, a metal halide lamp as a light source to obtain [[of]] a higher crystallinity of each of the first and second crystalline semiconductor films after the crystallizing step.
 - 19. (Original) A method according to claim 15,

wherein each of the first and second semiconductor films is formed by a plasma CVD apparatus,

wherein a turbo molecular pump is used in an exhaust means connected to a reaction chamber of the plasma CVD apparatus.

20-22. (Canceled)

23. (Original) A method according to claim 6, wherein the second amorphous semiconductor film includes silicon.

24-28. (Canceled)

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29. (Currently Amended) A method according to claim 16, further comprising the step of: irradiating with a laser light to obtain [[of]] a higher crystallinity of each of the first and second crystalline semiconductor films after the crystallizing step.

30. (Currently Amended) A method according to claim 16, further comprising the step of: irradiating with a light from one selected from the group consisting of a halogen lamp, a xenon lamp, a mercury lamp, a metal halide lamp as a light source to obtain [[of]] a higher crystallinity of each of the first and second crystalline semiconductor films after the crystallizing step.

31. (Original) A method according to claim 16,

wherein each of the first and second semiconductor films is formed by a plasma CVD apparatus,

wherein a turbo molecular pump is used in an exhaust means connected to a reaction chamber of the plasma CVD apparatus.

32-34. (Canceled)

35. (New) A method of manufacturing a semiconductor device, said method comprising the steps of:

forming a first amorphous semiconductor film comprising silicon and germanium on an insulating surface wherein a concentration of the germanium is within a range of 0.1 atom% to 10 atom%;

forming a second amorphous semiconductor film on and in contact with the first amorphous semiconductor film;

introducing an element capable of promoting crystallization of silicon into the first amorphous semiconductor film or the second amorphous semiconductor film; and

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crystallizing each of first and second amorphous semiconductor films by irradiating with a laser light.

36. (New) A method of manufacturing a semiconductor device, said method comprising the steps of:

forming at least an electrode on an insulating surface;

forming an insulating film covering the electrode;

forming a first amorphous semiconductor film comprising silicon and germanium on the insulating film wherein a concentration of the germanium is within a range of 0.1 atom% to 10 atom%;

forming a second amorphous semiconductor film on and in contact with the first amorphous semiconductor film;

introducing an element capable of promoting crystallization of silicon into the first amorphous semiconductor film or the second amorphous semiconductor film; and

crystallizing the each of the first and second amorphous semiconductor films by irradiating with a laser light.

- 37. (New) A method according to claim 35, wherein the second amorphous semiconductor film includes silicon.
- 38. (New) A method according to claim 36, wherein the second amorphous semiconductor film includes silicon.
- 39. (New) A method of manufacturing a semiconductor device, said method comprising the steps of:

forming a first amorphous semiconductor film comprising silicon and germanium on an insulating surface wherein a concentration of the germanium is within a range of 0.1 atom% to 10 atom%;

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forming a second amorphous semiconductor film on and in contact with the first amorphous semiconductor film;

introducing an element capable of promoting crystallization of silicon into the first amorphous semiconductor film or the second amorphous semiconductor film; and

crystallizing each of first and second amorphous semiconductor films by irradiating with an excimer laser light.

40. (New) A method of manufacturing a semiconductor device, said method comprising the steps of:

forming at least an electrode on an insulating surface;

forming an insulating film covering the electrode;

forming a first amorphous semiconductor film comprising silicon and germanium on the insulating film wherein a concentration of the germanium is within a range of 0.1 atom% to 10 atom%;

forming a second amorphous semiconductor film on and in contact with the first amorphous semiconductor film;

introducing an element capable of promoting crystallization of silicon into the first amorphous semiconductor film or the second amorphous semiconductor film; and

crystallizing the each of the first and second amorphous semiconductor films by irradiating with a laser light.

- 41. (New) A method according to claim 39, further comprising the step of: irradiating with a laser light to obtain a higher crystallinity of each of the first and second crystalline semiconductor films after the crystallizing step.
- 42. (New) A method according to claim 39, further comprising the step of: irradiating with a light from one selected from the group consisting of a halogen lamp, a xenon lamp, a mercury lamp, a metal halide lamp as a light source to obtain a higher

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crystallinity of each of the first and second crystalline semiconductor films after the crystallizing step.

43. (New) A method according to claim 39,

wherein each of the first and second semiconductor films is formed by a plasma CVD apparatus, and

wherein a turbo molecular pump is used in an exhaust means connected to a reaction chamber of the plasma CVD apparatus.

- 44. (New) A method according to claim 40, further comprising the step of: irradiating with a laser light to obtain a higher crystallinity each of the first and second crystalline semiconductor films after the crystallizing step.
- 45. (New) A method according to claim 40, further comprising the step of: irradiating with a light from one selected from the group consisting of a halogen lamp, a xenon lamp, a mercury lamp, a metal halide lamp as a light source to obtain a higher crystallinity of each of the first and second crystalline semiconductor films after the crystallizing step.
 - 46. (New) A method according to claim 40,

wherein each of the first and second semiconductor films is formed by a plasma CVD apparatus, and

wherein a turbo molecular pump is used in an exhaust means connected to a reaction chamber of the plasma CVD apparatus.